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ABSTRACT OF THE DISCLOSURE

The present invention provides a method for estimating repair accuracy of a mask shop. The method comprises the steps of providing a mask having a light-shielding layer with a pattern of a plurality of lines, each of which has a defect, using the mask shop to repair the defects. Contaminated areas are formed in the vicinity of areas where the defects are repaired, measuring first light intensities of the contaminated areas, and second and third light intensities of two sides of the contaminated areas, and calculating ratios of means of the second and third light intensities to the first light intensities to estimate the repair accuracy.